

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number		10519701
Filing Date		2004-12-24
First Named Inventor	Erez Hasman	
Art Unit	1756	
Examiner Name	<del>ROGASCO, STEPHEN D</del> ASSAF, FAYEZ	
Attorney Docket Number	0421US-Hasman	

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1	Highly improved convergence of the coupled-wave method of TM polarization, Lalanne and Morris. Vol. 13, No. 4/April 1996/J. Opt. Soc. AM. A, Optical Society of America, 1996	<input type="checkbox"/>
2	Real-time analysis of partially polarized light with a space-variant subwavelength dielectric grating, Bomzon, Biener, Kleiner, and Hasman, Optics Letters / Vol. 27, No. 3 / February 1, 2002, Optical Society of America, 2002	<input type="checkbox"/>
3	Computer-generated space-variant polarization elements with subwavelength metal strips, Bomzon, Kleiner, and Hasman, Optics Letters/ Vol. 26, No. 1/ January 1, 2001, Optical Society of America 2001	<input type="checkbox"/>
4	Polarization beam Splitters using polarization diffraction gratings, Davis and Adachi, Optics Letters/Vol. 26, No. 9/ May 1, 2001, Optical Society of America 2001	<input type="checkbox"/>
5	Paraxial- domain diffractive elements with 100% efficiency based on polarization gratings, Tervo and Turunen, Optics Letters/Vol. 25, No. 11/ June 1, 2000, Optical Society of America 2000	<input type="checkbox"/>
6	Pancharatnam-Berry phase in space-variant polarization-state manipulations with subwavelength gratings, Bomzon, Kleiner and Hasman, Optics Letters / Vol. 26, No. 18/ Sept. 15, 2001	<input type="checkbox"/>
7	Polarizing diffraction-grating triplicators, Frenandez-Pousa and Moreno, Optics Letters / Vol. 26, No. 21, Nov. 1, 2001, Optical Society of America 2001	<input type="checkbox"/>
8	Measuring Stokes parameters by means of a polarization grating, Franco Gori, Optics Letters / Vol. 24, No. 9, May 1, 1999, Optical Society of America 1999	<input type="checkbox"/>
9	Radially and azimuthally polarized beams generated by space-variant dielectric subwavelength gratings, Bomzon, Biener, Kleiner and Hasman, Optics Letters / Vol. 27, No. 5/ March 1, 2002, Optical Society of America 2002	<input type="checkbox"/>
10	Integrated polarimeters based on anisotropic photodetectors, R.M.A. Azzam, Optics Letters / Vol. 12, No. 8, Aug. 1987, Optical Society of America 1987	<input type="checkbox"/>
11	Comparison of polarized-light propagation in biological tissue and phantoms, Vanitha Sankaran, Optics Letters / Vol. 24/ No. 15, Aug. 1, 1999 Optical Society of America 1999	<input type="checkbox"/>

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12	Multichannel Mueller matrix ellipsometer for real-time spectroscopy of anisotropic surfaces and films, Lee, Koh, and Collins, Optics Letters / Vol. 25 No. 21/ Nov. 1, 2000 Optical Society of America 2000	<input type="checkbox"/>
13	Efficient multilevel phase holograms for CO2 lasers, Hasman, Davidson, and Freisem, Optics Letters / Vol. 16 No. 6/ March 15, 1991, Optical Society of America 1991	<input type="checkbox"/>
14	Four channel polarimeter for time-resolved ellipsometry, G.E. Jellison, Jr. Optics Letters / Vol. 12 No. 10/ Oct. 1987, Optical Society of America 1987	<input type="checkbox"/>
15	Space-variant polarization state manipulation with computer-generated subwavelength metal stripe gratings, Bomzon, Kleiner, and Hasman, Optics Communications 192, June 1, 2001, Elsevier Science B.V.2001	<input type="checkbox"/>
16	Quantal phase factors accompanying adiabatic changes, M.V. Berry, Proc. R. Soc. Lond. A 392, 45-57, (1984), R. Soc. Lond. 1984	<input type="checkbox"/>
17	Observation of a Nonclassical Berry's Phase for the Photon, Kwiat and Chiao, Physical Review Letters/Vol. 66, No. 5/ Feb. 4, 1991, The American Physical Society, 1991.	<input type="checkbox"/>
18	Real-time principal state characterization of use in PMD compensators, Chou, Fini, and Haus, IEEE Photonics Technology Letters, Vol. 13, No. 6/ June 2001, IEEE 2001	<input type="checkbox"/>
19	Nematic liquid-crystal polarization gratings by modification of surface alignment, Wen, Petschek, and Rosenblatt, Applied Optics / Vol. 41, No. 7/ March 1, 2002, Optical Society of America, 2002	<input type="checkbox"/>
20	Micropolarizer array for infrared imaging polarimetry, Nordin, Meier, Deguzman, and Jones, J. Opt. Soc. AM A/ Vol. 16, No. 5/May 1999, Optical Society of America, 1999	<input type="checkbox"/>
21	Formation of radially and azimuthally polarized light using space-variant subwavelength metal stripe gratings, Bomzon, Kleiner, and Hasman, Applied Physics Letters Volume 79, Number 11, Sept. 10, 2001, American Institute of Physics, 2001	<input type="checkbox"/>
22	Space-variant Panchartnam-Berry phase optical elements with computer-generated subwavelength gratings, Bomzon, Beiner, Kleiner, and Hasman, Optics Letters / Vol. 27 No. 13/ July 1, 2002, Optical Society of America 2002	<input type="checkbox"/>

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23	Polarization of light and topological phases, Rajendra Bhandari, Physics Reports 281 (997) 1-64, Elsevier Science B. V., 1997	<input type="checkbox"/>
24	Generalized theory of interference and its applications, S. Pancharatnem, The Proceedings of the Indian Academy of Sciences, Vol. XLIV, No. 5, Sec. A. 1956	<input type="checkbox"/>
25	Evolving geometric phase and its dynamic manifestation as a frequency shift: an optical experiment, Simon, Kimble and Sudarshan, Physical Review letters, Vol. 61 No. 1, July 4, 1988, The American Physical Society, 1988	<input type="checkbox"/>

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

### SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

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